

**EZ Switch™ 10/100****16 -Port 10/100 Mbps Auto-Sensing Switch**Model Number: **SMC-EZ6516TX**

SMC EZ Switch™ 10/100s are dual-speed desktop network switches that are as easy to install and use as an ordinary hub, with the added dimension of dramatically improving network performance by offering speeds up to 200 Mbps per port. Moreover, every port features auto MDI/MDIX, providing added functionality and ease of use.

Designed for easy integration with any SOHO network, SMC EZ Switches contain added features like Store-and-Forward and Flow Control to ensure data delivery and network integrity. Since full bandwidth capability is achieved on each individual port, the congestion problems of shared hubs are easily avoided through the dedicated bandwidth of these switches. Powerful enough to run your network's backbone, yet so easy they can be used in place of your desktop hubs, the EZ Switch™ brings the power of switching to you.

**Overview****Features**

- Up to 3.2 Gbps of aggregate bandwidth
- Dual-speed 10/100 Mbps with 16 auto-sensing ports
- Receives and transmits traffic at full wire speed on all ports
- Automatic address learning with a 2K MAC address table

**Benefits**

- Plug-and-play – no software or switches to configure
- At-a-glance LEDs for system and network monitoring
- Use any port for a cascade connection to a hub, switch or computer
- Buffered store-and forward switching between 10 and 100 Mbps segments
- Fully compatible with Ethernet and Fast Ethernet networks

**Compatibility**

- IEEE 802.3
- IEEE 802.3u
- IEEE 802.3x

# EZ Switch™ 10/100

16 -Port 10/100 Mbps Auto-Sensing Switch

Switches/Hubs

SPECIFICATIONS

## SMC-EZ6516TX

### Ports

- 16 RJ-45 ports

### Network Interface

- 10BASE-T – Categories 3,4, or 5
- 100BASE-TX – Category 5

### LEDs

- Power – one
- Speed – one per port
- Link/Activity – one per port
- Full-duplex – one per port

### Switching Method

- Store-and-Forward

### MAC Address Table

- 2K entries

### Memory Buffer

- 768 Kbits

### Filtering/Forwarding/Learning Rates

- Full-line rate

### Size

- 10.43 x 3.31 x 1.02 in

### Weight

- 1.521 lbs (0.69 kg)

### Temperature

- Operating: 32° to 122°F (0° to 50° C)
- Storage: - 40°to 158° F (-40° to 70°C)

### Humidity

- 5% to 95% (non-condensing)

### Power Requirements

- DC input
- 6V, 1A

### Power Consumption

- 4.6 Watts

### Heat Dissipation

- 15.7 BTU/hr

### Maximum Current

- 0.76A @ 6VDC

### Standards

- IEEE 802.3
- IEEE 802.3u

### Certifications

- CE Mark

### Emissions

- FCC Class B
- EN 55022 (CISPR 22) Class B
- C-Tick – AS/NZS 3548 (1995) Class B
- EN 61000-3-2/3

### Immunity

- EN 6100-4-2/3/4/5/6/8/11

### Safety

- CSA/NRTL (C22.2.950, UL 1950)
- TUV/GS (EN60950)
- CB (IEC60950)

Product	Description
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